

## CLAIMS

1. A method of requirements traceability based on a UML model, characterized in that during the modeling, a graphics interface is used when creating an element of a model, a requirement is immediately placed on this element in this graphics interface and same is systematically filled in with the upward requirement which has given rise to the creation of this element.
2. The method as claimed in claim 1, characterized in that when creating a UML Requirement) which has repercussions on several elements of the model, said requirement is attached to the common element containing the set of elements on which the requirement has repercussions.
3. The method as claimed in claim 1 or 2, characterized in that when an element of the model is deleted, all the UML Requirements attached to this element are likewise deleted.
4. The method as claimed in claim 3, characterized in that all the UML Requirements attached to all the elements attached to said element are likewise deleted.
5. The method as claimed in one of the preceding claims, characterized in that the UML Requirements are exported to the "DOORS" requirements management tool so as to ensure therein their management and their traceability.
6. The method as claimed in claim 5, characterized in that the UML Requirements are exported to DOORS, in the course of the development of the model, each time that this model has attained a stable state.